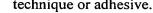
## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this application.

## **Listing of Claims:**

| 1. (Currently Amended) An electrically power assisting steering apparatus                 |
|---|
| provided with a torque limiter having a ring member for applying elastic force            |
| mounted between a worm wheel and an output shaft, being characterized in that             |
| wherein said output shaft is made of iron material, a gear portion of said worm wheel     |
| is made of synthetic resin material, and a core metal portion of said worm wheel is       |
| made of metallic material whose specific gravity is small smaller than that of said iron  |
| material and whose coefficient of linear thermal expansion is large with respect to       |
| larger than that of said iron material whereby limit torque of said torque limiter is set |
| low under high temperature and high a change in spacing between said worm wheel           |
| and said output shaft as a result of differential thermal expansion operates to change a  |
| limit torque of said torque limiter from a lower value under high temperature to a        |
| higher value under low temperature.   |

2. (Original) An electrically power assisting steering apparatus provided with a worm wheel for transmitting driving force of a motor as auxiliary steering force together with a worm gear, being characterized in that said worm wheel is formed by joining a thin synthetic resin to an entire outer peripheral surface of a teeth portion of a gear-shaped core metal by way of chemical bond according to composite molding technique or adhesive.





| 1  | 3. (Original) An electrically power assisting steering apparatus according to           |
|----|---|
| 2  | claim 2, wherein said core metal is made of aluminum alloy or copper alloy.             |
|    |   |
| 1  | 4. (New) An electrically power assisting steering apparatus comprising:                 |
| 2  | a worm wheel,   |
| 3  | an output shaft, and  |
| 4  | a torque limiter comprising a ring member for applying elastic force;                   |
| 5  | wherein said ring member is mounted between said worm wheel and said                    |
| 6  | output shaft, and   |
| 7  | wherein said output shaft is made of a first metal material, a gear portion of          |
| 8  | said worm wheel is made of synthetic resin material, and a core metal portion of said   |
| 9  | worm wheel is made of a second metal material whose specific gravity is smaller than    |
| 10 | that of said first metal material, and whose coefficient of linear thermal expansion is |
| 11 | larger than a coefficient of linear thermal expansion of said first metal material,     |
| 12 | whereby a limit torque of said torque limiter will vary based upon an                   |
| 13 | operating temperature of said steering apparatus.                                       |
|    |   |
| 1  | 5. (New) An electrically power assisting steering apparatus according to                |
| 2  | claim 4, wherein said core metal is an aluminum alloy or a copper alloy.                |
|    |   |
| 1  | 6. (New) An electrically power assisting steering apparatus according to                |

claim 5, wherein said output shaft is constructed of iron material.

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